E. .

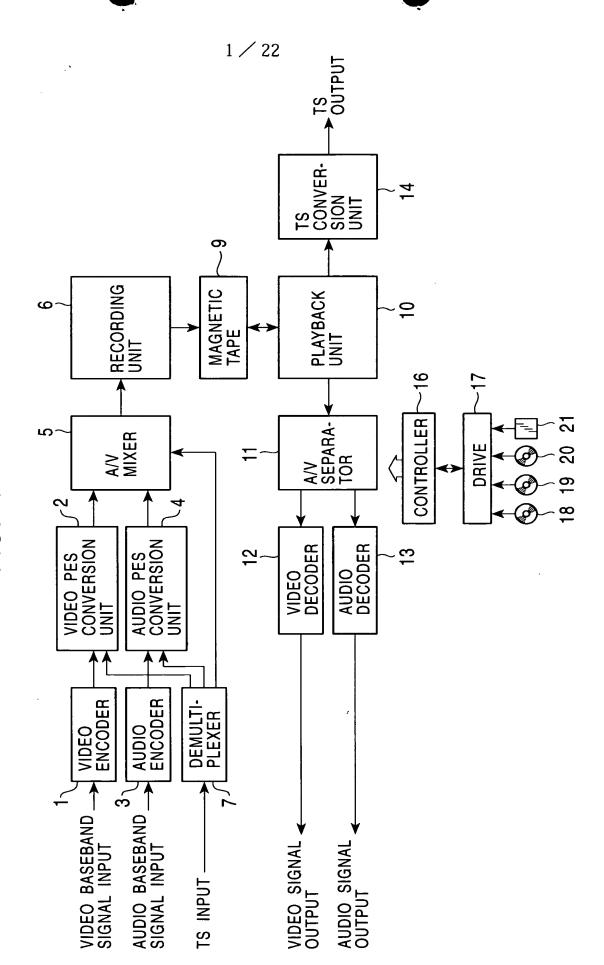


FIG 2

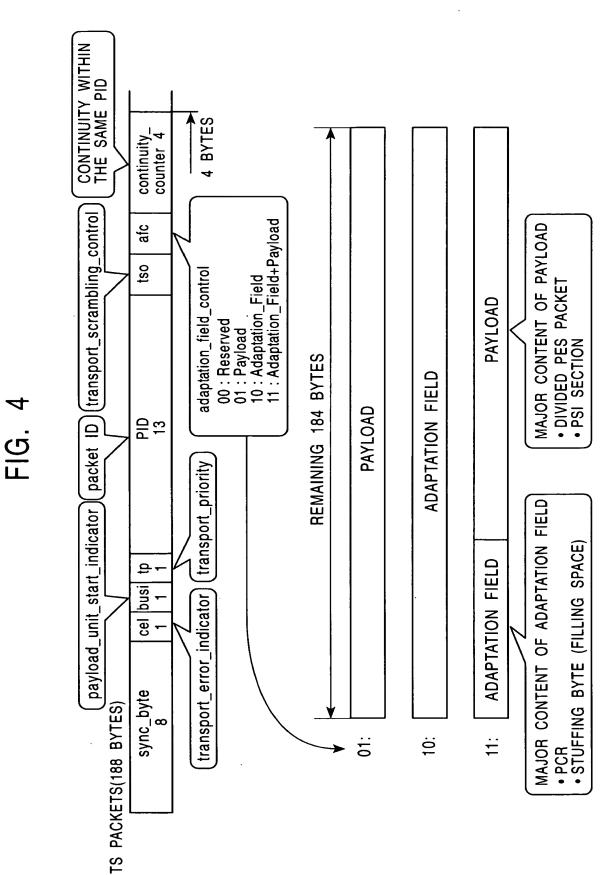
F.S. FRAMES T.S. 3 FRAMES(I/B/B) T.S. FRAMES T.S. 3 FRAMES(P/B/B) T.S. 5 FRAMES T.S. 3 FRAMES(P/B/B)
AUDIO 4 T.S. 3 FRAMES(I/B/B) T.S. FRAMES T.S. 3 FRAMES(P/B/B) T.S. FRAMES
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AUDIO 4 T.S. 3 FRAMES(I/B/B) T.S.
AUDIO 4 T.S. 3 FRAMES(I/B/B) T.S.
AUDIO 4 T.S. 3 FRAMES(I/B/B)
AUDIO 4 T.S. 3 FRAMES(I/B/B)
AUDIC
AUDIC
AUDIC
S.

T.S.: TIME STAMP

FIG. 3

VIDEO 3 FRAMES(P/B/B)
AUDIO PES VID 5 FRAMES 3 F
VIDEO PES 3 FRAMES(P/B/B)
AUDIO PES 4 FRAMES
VIDEO PES 3 FRAMES(I/B/B)
AUDIO PES 4 FRAMES

TOhah C'Oatthebo

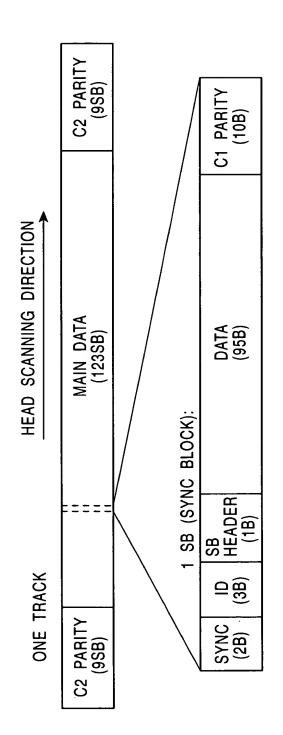


TC+2+C. C2+T+46C

FIG. 5

		PES PAYLOAD		
	SODING	OTHERS STUFFING (19×8 BITS)		
PES HEADER	CONDITIONAL CODING		A	_
		DTS (40 BITS)		
		PTS (40 BITS)	= 19 BYTES	
	PES		+ Z = 19	
	FLAG	4+2+2+1+5+Z		
	10	+5+		
	PES	PACKET LENGTH (16 BITS)	4	
	<u></u>	START CODE (32 BITS)		<u></u>

FIG. 6



BIT-7	BIT-6	BIT-5	BIT-4	BIT-3	BIT-2	BIT-1	BIT-0
	- DATA TYPE	<					
0	PES-VIDEO		FULL/PARTIAL	CONTINU	CONTINUITY COUNTER		
1	PES-AUDIO		FULL/PARTIAL	CONTINU	CONTINUITY COUNTER		
2	SEARCH-DATA	ΓA	VIDEO/AUDIO	SEARCH SPEED	SPEED		RESERVED
က	AUX		AUX MODE			RESERVED	
4	TS-1		RESERVED		TIME STAMP		
5	TS-2		CONTINUITY COUNTER	COUNTER			
9	NULL		RESERVED				
7	RESERVED		RESERVED		•		

AUX MODE
0: AUX-V
1: AUX-A
2: PSI-1
3: PSI-2
4: SYSTEM
5-7: RESERVED

<u>Е</u>

] PES-FULL	PES-PARTIAL		
PATTERN	PES DATA 95BYTES	ER LENGTH/1 BYTE BY THE DESIGNATED LENGTH) 94 BYTES MAX.	DATA TYPE FULL/PARTIAL CONTINUITY COUNTER PES 3 BITS 1 BIT 4 BITS	PES-VIDEO 0 = FULL PES-AUDIO 1 = PARTIAL
	HEADER 1 BYTE	HEADER 1 BYTE	DATA TY 3 BITS	000 = PE 000 = PE
PES RECORDING	PART OF PES DATA	FINAL PES DATA	HEADER	_

CONTINUITY COUNTER:
BY USING CYCLIC COUNTER INDEPENDENTLY FOR
PES-VIDEO AND PES-AUDIO, IT CAN BE IDENTIFIED
THAT THE SAME TYPE OF SB IS CONTINUOUS

6 9

	PSI-1	PSI-2			
92+95 = 187 BYTES	FIRST HALF OF PSI TS PACKET (sync_byte 47H IS REMOVED) 92 BYTES	SECOND HALF OF PSI TS PACKET 95 BYTES	-	AUX(PSI)	
92+9	FIRST HALF C (sync_byte 47H	HALF OF PSI TS		RESERVED 2 BITS	l-1 l-2
TERN	RESERVED 3 BYTES	SECOND		PE AUX MODE 3 BITS	010 = PSI-1 011 = PSI-2
PES RECORDING PATTERN	HEADER 1 BYTE	B HEADER 1 BYTE		R DATA TYPE 3 BITS	011 = AUX
PES RE(PSI 1ST SB	PSI 2ND SB		HEADER	

IN PES RECORDING MODE, RECEIVED PSI (PAT/PMT/SIT) TS PACKET IS DIVIDED AND RECORDED IN TWO SBS AS AUX

FIG. 10

	TS-1	18-2	TIME STAMP: 3+24 = 27BITS		
ဟ	вутеѕ		TIME STAM		ER FOR TS, AT TS IS
92+95 = 187 BYTES	FIRST HALF OF TS PACKET (sync_byte 47H IS REMOVED) 92 BYTES	SECOND HALF OF TS PACKET 95 BYTES	RESERVED/2 BITS TIME STAMP/3 BITS TS-1 CONTINUITY COUNTER/5 BITS TS-2		CONTINUITY COUNTER: BY USING CYCLIC COUNTER FOR TS, IT CAN BE IDENTIFIED THAT TS IS CONTINUOUS.
ING PATTERN	HEADER TIME STAMP 1 BYTE 3 BYTES	HEADER SECO	 DATA TYPE RESERVED	100 = TS-1 101 = TS-2	
TS RECORDING PAT	TS PACKET 1ST SB	TS PACKET 2ND SB	 HEADER		

FIG. 11

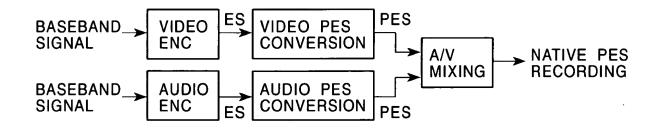


FIG. 12

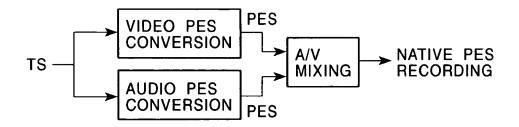


FIG. 13

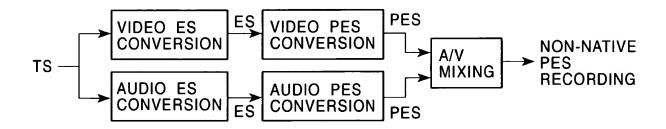


FIG. 14

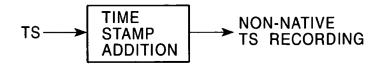


FIG. 15

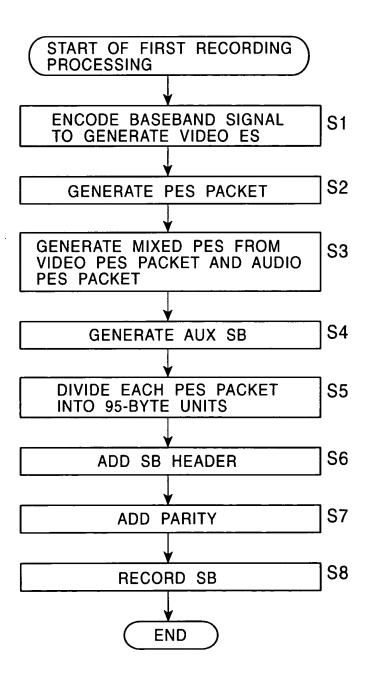
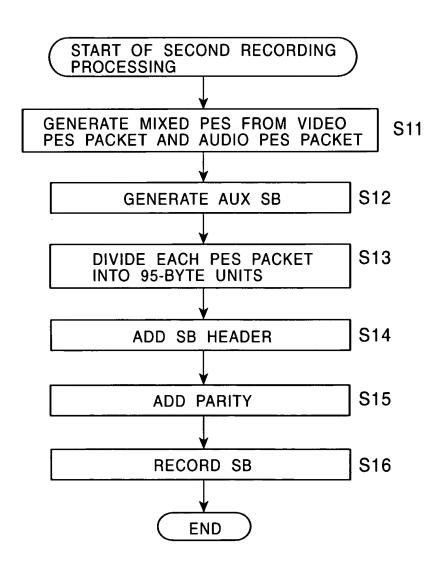


FIG. 16



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FIG. 17

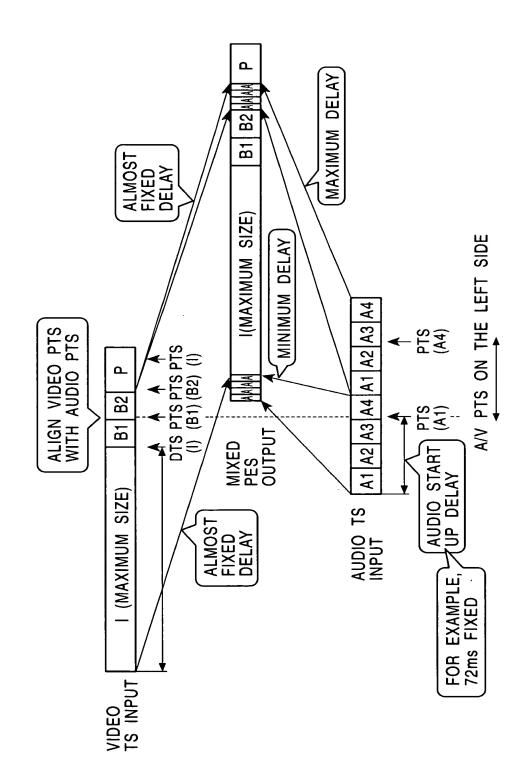


FIG. 18

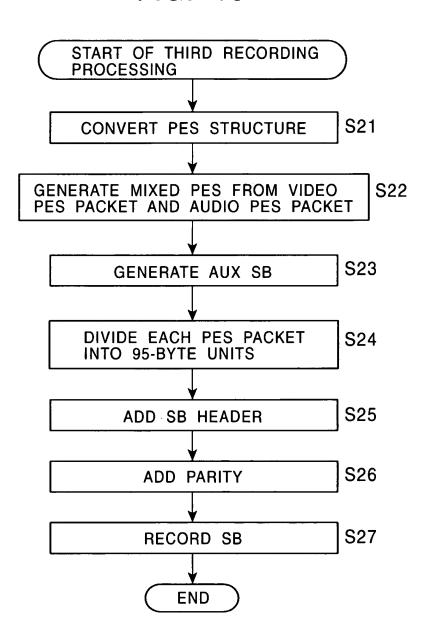


FIG. 19

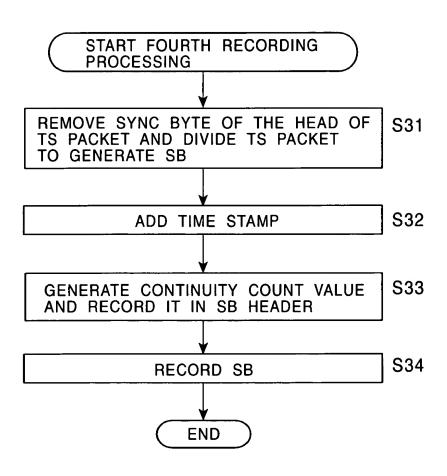


FIG. 20

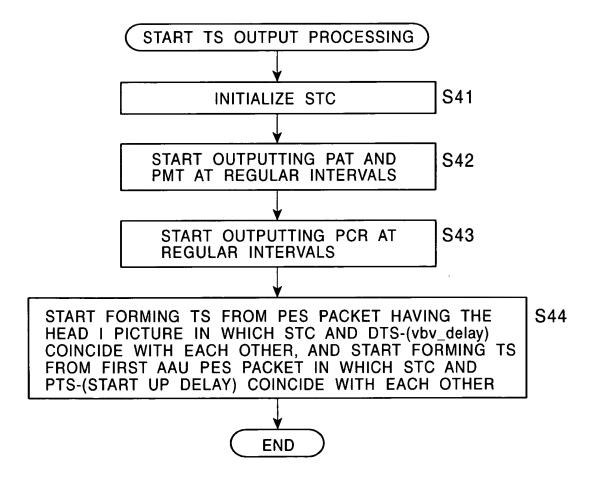
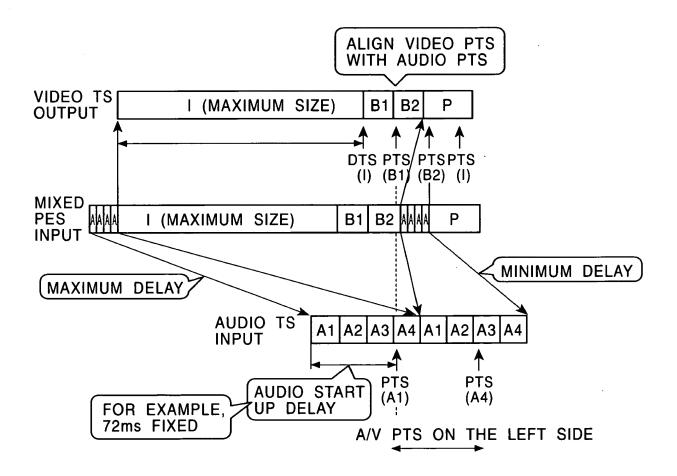


FIG. 21



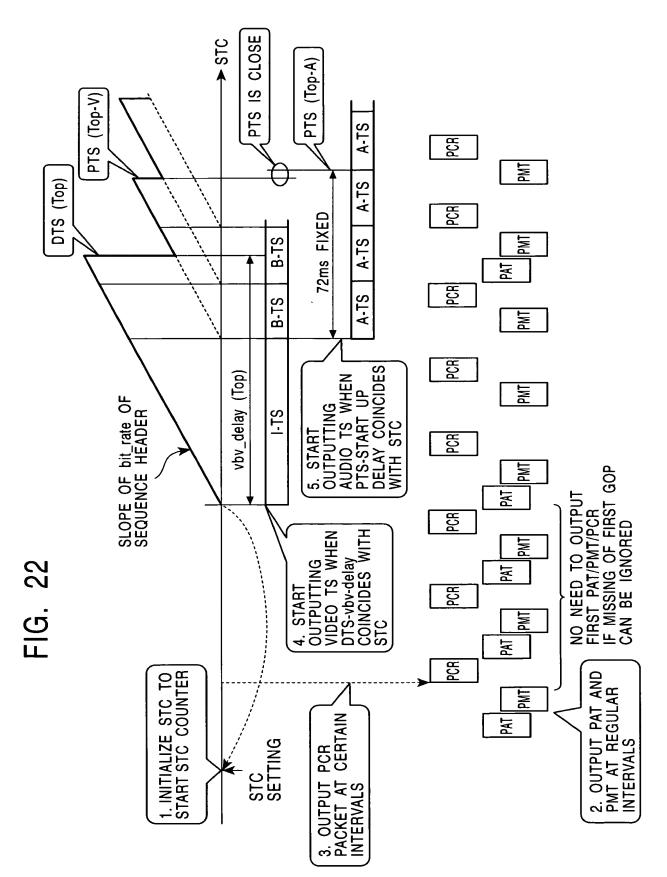
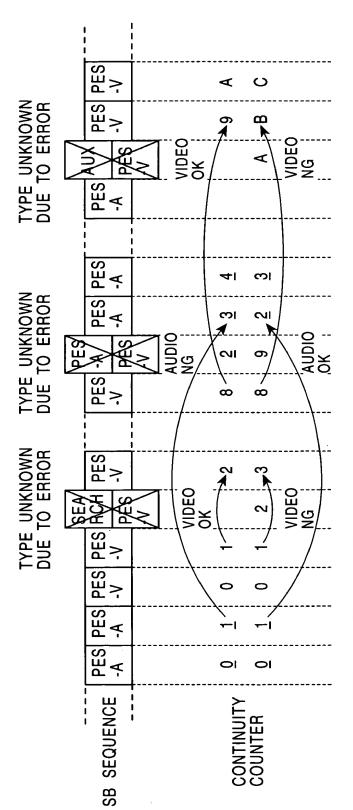


FIG. 23



UNDERSCORED VALUES ARE PES-A

FIG. 24

